

### AMENDMENTS TO THE SPECIFICATION

Please amend the Abstract as follows:

“A method of supporting mobility (400, 500) in an Internet Protocol (IP)-based data network. The method comprises the steps of generating a first stateful IP autoconfiguration message at a mobile node, whereby the message includes an address capable of use for routing maintenance. The mobile node transmits the generated message to a first access node (240), which incorporates its address and forwards the message to a dynamic host configuration protocol (DHCP) Server. The DHCP Server (320) and access node (240) analyse the message to determine a route to deliver data to and/or from the mobile node. One or more route update message are triggered from said access node and said DHCP server to a number of network elements (230) between said access node and said DHCP server in the IP based data network to support mobility in an IP domain with minimum bandwidth use and minimum tunnelling required. ~~A DHCP Server (320) and an access node (250) such as a DHCP Relay are also described.~~

~~In this manner, the inherent configuration flexibility of stateful autoconfiguration addresses is provided, in contrast to, say, other micro-mobility management schemes where the IP address is manually configured.~~

~~{FIG. 2 to accompany abstract}”~~